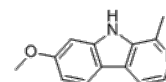


Product Name : Harmine
Cat. No. : PC-35649
CAS No. : 442-51-3
Molecular Formula : C₁₃H₁₂N₂O
Molecular Weight : 212.252
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Harmine (Telepathine, Banisterine, Leucoharmine) is a fluorescent harmala alkaloid occurs in a number of different plants, reversibly inhibits monoamine oxidase A (MAO-A) but not MAO-B, also inhibits multiple **Twist1** functions.

Harmine targeted the TWIST1 pathway through its promotion of TWIST1 protein degradation.

Harmine inhibits single-cell dissemination, suppression of normal branching in 3D epithelial culture, and proliferation of oncogene driver-defined NSCLC cells (IC₅₀=22 uM).

Harmine also shows DYRK1A inhibitory activity, induces β -cell proliferation both in vitro and in vivo.

References

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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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